

## EAST Search History

| Ref # | Hits | Search Query  | DBs                             | Default Operator | Plurals | Time Stamp       |
|-------|------|---|---------------------------------|------------------|---------|------------------|
| L1    | 9781 | (257/98,95,99,100,699,706,707,712).CCLS.  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | OFF     | 2006/12/14 19:48 |
| L2    | 117  | 257/e33.056.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO | AND              | OFF     | 2006/12/14 19:56 |
| L3    | 1859 | ("257"/\$.ccls. or "438"/\$.ccls.) and led and package and pad  | US-PGPUB;<br>USPAT;<br>EPO; JPO | AND              | OFF     | 2006/12/14 19:57 |
| S1    | 1    | "20040079957".pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | OFF     | 2006/12/14 19:48 |
| S2    | 106  | 257/699,706,707,712.ccls. and light with emitting   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | OFF     | 2005/02/16 15:02 |
| S3    | 24   | ("20010030866"   "4661419"   "4783695"   "4933042"   "4938280"   "5108825"   "5198679"   "5226053"   "5353498"   "5527741"   "5571451"   "5813753"   "5847507"   "5851063"   "5895932"   "5898185"   "5925897"   "5931577"   "5966393"   "5998925"   "6066861"   "6069440"   "6132072"   "6331063").PN. | US-PGPUB;<br>USPAT;<br>USOCR    | OR               | OFF     | 2005/02/16 14:29 |
| S4    | 9    | ("5223747"   "6084252"   "6121637"   "6169295"   "6180962"   "6281435"   "6335548"   "6342670"   "6362964").PN.   | US-PGPUB;<br>USPAT;<br>USOCR    | OR               | OFF     | 2005/02/16 14:32 |
| S5    | 3    | ("6501103").URPN.   | USPAT                           | OR               | OFF     | 2005/02/16 14:32 |
| S6    | 6    | ("3739241"   "3760237"   "3863075"   "4013915"   "5596210"   "5798536").PN.   | US-PGPUB;<br>USPAT;<br>USOCR    | OR               | OFF     | 2005/02/16 14:40 |
| S7    | 11   | ("2711464"   "2809332"   "3281606"   "3501676"   "3512027"   "3639770").PN.   | US-PGPUB;<br>USPAT;<br>USOCR    | OR               | OFF     | 2005/02/16 14:41 |
| S8    | 30   | ("3760237").URPN.   | USPAT                           | OR               | OFF     | 2005/02/16 14:43 |
| S9    | 1    | ("6,066,861").PN.   | USPAT;<br>EPO; JPO              | OR               | OFF     | 2005/02/16 14:43 |
| S10   | 53   | ("6066861").URPN.   | USPAT                           | OR               | OFF     | 2005/02/16 14:43 |
| S11   | 8    | ("3760237"   "4478588"   "5514627"   "5537433"   "5648687"   "5813753"   "5910661"   "6204523").PN.   | US-PGPUB;<br>USPAT;<br>USOCR    | OR               | OFF     | 2005/02/16 14:45 |

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|     |     |   |                                 |    |     |                  |
|-----|-----|---|---------------------------------|----|-----|------------------|
| S12 | 8   | ("3760237"   "3805347"   "3821775"   "4000437"   "4113347"   "4168102"   "4241277").PN.                         | US-PGPUB;<br>USPAT;<br>USOCR    | OR | OFF | 2005/02/16 14:47 |
| S13 | 17  | ("4603496").URPN.   | USPAT                           | OR | OFF | 2005/02/16 14:47 |
| S14 | 4   | ("4603496"   "5742120"   "5813753"   "6469322").PN.   | US-PGPUB;<br>USPAT;<br>USOCR    | OR | OFF | 2005/02/16 14:48 |
| S15 | 0   | ("6710544").URPN.   | USPAT                           | OR | OFF | 2005/02/16 14:48 |
| S16 | 9   | ("5813752"   "5813753"   "5815228"   "5834053"   "5847507"   "5895932"   "5898185"   "5959316"   "6252254").PN. | US-PGPUB;<br>USPAT;<br>USOCR    | OR | OFF | 2005/02/16 14:49 |
| S17 | 6   | ("4254453"   "4306716"   "4603496"   "4754202"   "4774434"   "4804890").PN.                                     | US-PGPUB;<br>USPAT;<br>USOCR    | OR | OFF | 2005/02/16 14:51 |
| S18 | 24  | ("5043716").URPN.   | USPAT                           | OR | OFF | 2005/02/16 14:52 |
| S19 | 4   | ("3875456"   "5043716"   "5847507"   "6155699").PN.   | US-PGPUB;<br>USPAT;<br>USOCR    | OR | OFF | 2005/02/16 14:53 |
| S20 | 11  | ("3243626"   "3552822"   "3648835"   "3780357"   "3876900"   "3919585"   "3940523"   "4000437"   "4058750").PN. | US-PGPUB;<br>USPAT;<br>USOCR    | OR | OFF | 2005/02/16 14:56 |
| S21 | 12  | ("4168102").URPN.   | USPAT                           | OR | OFF | 2005/02/16 14:56 |
| S22 | 215 | 257/433.ccls. and light with emitting   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2005/02/17 12:09 |
| S23 | 1   | ("6362964").PN.   | USPAT;<br>EPO; JPO              | OR | OFF | 2005/02/17 12:11 |
| S24 | 1   | ("6147869").PN.   | USPAT;<br>EPO; JPO              | OR | OFF | 2005/02/17 12:16 |
| S25 | 1   | ("3760237").PN.   | USPAT;<br>EPO; JPO              | OR | OFF | 2005/02/17 12:18 |
| S26 | 2   | ("3,443,140").PN.   | USPAT;<br>EPO; JPO              | OR | OFF | 2005/02/17 12:18 |
| S27 | 12  | ("3443140").URPN.   | USPAT                           | OR | OFF | 2005/02/17 12:21 |
| S28 | 1   | ("3,353,051").PN.   | USPAT;<br>EPO; JPO              | OR | OFF | 2005/02/17 12:23 |
| S29 | 1   | ("3458779").PN.   | USPAT;<br>EPO; JPO              | OR | OFF | 2005/02/17 13:03 |
| S30 | 1   | ("6707069").PN.   | USPAT;<br>EPO; JPO              | OR | OFF | 2005/02/17 13:03 |
| S31 | 1   | ("6680491").PN.   | USPAT;<br>EPO; JPO              | OR | OFF | 2005/02/17 13:08 |

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|     |      |   |                              |    |     |                  |
|-----|------|---|------------------------------|----|-----|------------------|
| S32 | 1    | ("5907151").PN.   | USPAT;<br>EPO; JPO           | OR | OFF | 2005/02/17 14:25 |
| S33 | 2100 | (metal adj substrate) with heat sink with plated  | USPAT;<br>EPO; JPO           | OR | OFF | 2005/02/17 14:31 |
| S34 | 266  | ((metal adj substrate) with heat sink with plated) and light and semiconductor  | USPAT;<br>EPO; JPO           | OR | OFF | 2005/02/17 14:48 |
| S35 | 355  | plating with heat with sink   | USPAT;<br>EPO; JPO           | OR | OFF | 2005/02/17 14:50 |
| S36 | 12   | ("4540673"   "4737416"   "4800137"   "5096749"   "5284537"   "5300322"   "5418002"   "5464950"   "5473137"   "5654586"   "5688450"   "5763093").PN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/02/17 15:37 |
| S37 | 1    | ("5959316").PN.   | USPAT;<br>EPO; JPO           | OR | OFF | 2005/02/17 15:38 |
| S38 | 0    | 257/98.ccls. and fluorensence   | USPAT;<br>EPO; JPO           | OR | OFF | 2005/02/17 15:38 |
| S39 | 41   | 257/98.ccls. and fluorescence   | USPAT;<br>EPO; JPO           | OR | OFF | 2005/02/17 15:38 |
| S40 | 0    | 257/98.ccls. and (lens with fluorescence)   | USPAT;<br>EPO; JPO           | OR | OFF | 2005/02/17 15:39 |
| S41 | 15   | 257/98.ccls. and (lens with fluorescent)  | USPAT;<br>EPO; JPO           | OR | OFF | 2005/02/17 15:40 |
| S42 | 1    | ("5,847,507").PN.   | USPAT;<br>EPO; JPO           | OR | OFF | 2005/02/17 15:40 |
| S43 | 1    | ("3875456").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/02/17 15:48 |
| S44 | 0    | lens with calcium adj bicarbonate   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/02/17 15:49 |
| S45 | 20   | lens with calcium adj carbonate   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/02/17 15:55 |
| S46 | 2128 | lens with phosphor  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/02/17 15:56 |
| S47 | 380  | (lens with phosphor) and semiconductor  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/02/17 15:56 |
| S48 | 5    | (lens with phosphor with dispersed) and semiconductor   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/02/17 15:57 |

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|     |      |   |                                 |     |     |                  |
|-----|------|---|---------------------------------|-----|-----|------------------|
| S49 | 380  | (lens with phosphor) and semiconductor  | US-PGPUB;<br>USPAT;<br>USOCR    | OR  | OFF | 2005/02/17 17:10 |
| S50 | 511  | lens with trough  | US-PGPUB;<br>USPAT;<br>USOCR    | OR  | OFF | 2005/02/17 17:11 |
| S51 | 77   | lens with trough and semiconductor  | US-PGPUB;<br>USPAT;<br>USOCR    | OR  | OFF | 2005/02/17 17:19 |
| S52 | 380  | (lens with phosphor) and semiconductor  | US-PGPUB;<br>USPAT;<br>USOCR    | OR  | OFF | 2005/02/17 17:20 |
| S53 | 189  | (lens with phosphor) and semiconductor and light adj emitting   | US-PGPUB;<br>USPAT;<br>USOCR    | OR  | OFF | 2005/02/17 17:24 |
| S54 | 2    | (lens with phosphor with cavity) and semiconductor and light adj emitting   | US-PGPUB;<br>USPAT;<br>USOCR    | OR  | OFF | 2005/02/17 17:26 |
| S55 | 510  | (lens with cavity) and semiconductor and light adj emitting   | US-PGPUB;<br>USPAT;<br>USOCR    | OR  | OFF | 2005/02/17 17:26 |
| S56 | 48   | ("3769974"   "3981023"   "4182956"   "4267559"   "4698730"   "4703219"   "4733094"   "4841344"   "4880304"   "4889311"   "4935856"   "4946242"   "4959761"   "5130531"   "5249576"   "5296715"   "5317149"   "5347605"   "5387122"   "5419697"   "5453961"   "5485317"   "5485538"   "5487124"   "5488468"   "5506445"   "5516727"   "5559358"   "5578156"   "5625733"   "5631987"   "5638818"   "5678544"   "5743261"   "5782757"   "5803579"   "5807248"   "5844722"   "5852696"   "5855994"   "5864146"   "5913819"   "5970749"   "5985214"   "6252252"   "6274924"   "6374129"   "RE35069").PN. | US-PGPUB;<br>USPAT;<br>USOCR    | OR  | OFF | 2005/02/17 17:35 |
| S57 | 1    | ("6525386").PN.   | USPAT;<br>EPO; JPO              | OR  | OFF | 2005/02/17 17:35 |
| S59 | 1093 | 257/98,95,99,100,699,706,707,712. ccls. and light and package   | US-PGPUB;<br>USPAT;<br>EPO; JPO | AND | OFF | 2005/10/24 16:54 |
| S60 | 8444 | (257/98,95,99,100,699,706,707,712).CCLS.  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR  | OFF | 2005/10/25 11:17 |